



Environmental Impact Analysis Process

Environmental Assessment for
Clean and Stabilize Ditches at the Golf Course and
C Street

United States Air Force
Air Education and Training Command
Columbus Air Force Base, Mississippi

August 2003

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE AUG 2003		2. REPORT TYPE		3. DATES COVERED 00-00-2003 to 00-00-2003	
4. TITLE AND SUBTITLE Environmental Assessment for Clean and Stabilize Ditches at the Golf Course and C Street				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) 14th Flying Training Wing, 555 Simler Blvd Ste 102, Columbus AFB, MS, 39701				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
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14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 26	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

FINDING OF NO SIGNIFICANT IMPACT (FONSI)

COLUMBUS AIR FORCE BASE

Name of Action: Clean and stabilize ditches at the golf course and C Street

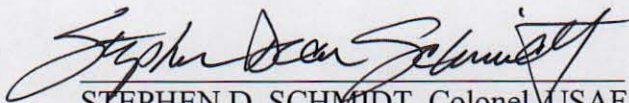
Proposed Action: Columbus Air Force Base (AFB) proposes to clean and stabilize the ditches at the golf course and C Street. The ditches have collected sediment that has caused a shift in the currents resulting in the erosion of some areas of the banks. The sediment areas are supporting growth of weeds and grass that cannot be maintained. The erosion has also occurred at the culverts and bridge locations. If the erosion were allowed to continue the areas would become a safety hazard.

The cleaning of ditches and stabilization of ditch banks also assessed one other alternative. Alternative 1: The no-action alternative.

The no-action alternative was not selected because it would not keep sediment from accumulating nor would it keep the banks from eroding.

Anticipated Environmental Effects: The proposed action would require the disturbance of installation property, minimal decrease in storm water quality during the cleaning and a temporary increase in noise levels during construction. Storm water quality would improve following the cleaning and stabilization. Erosion and sediment controls would be installed and maintained prior to and during cleaning and stabilization.

Conclusion: An environmental impact statement is not required. A Finding of No Significant Impact is justified.



STEPHEN D. SCHMIDT, Colonel, USAF
Commander, 14th Flying Training Wing

13 Aug 03
Date

ENVIRONMENTAL ASSESSMENT
FOR
CLEAN AND STABILIZE DITCHES AT THE GOLF COURSE AND C STREET

1. Purpose of and Need for the Proposed Action

Columbus Air Force Base (AFB) proposes to clean and stabilize the ditches that run through the golf course and along C Street. These ditches have collected sediment that has caused a shift in the water flow eroding some bank areas. The sediment areas are also supporting growth of weeds and grass that cannot be properly maintained. The erosion has also occurred at culverts and bridge locations. If the erosion were allowed to continue the culverts and bridges would become undermined and would become a safety hazard.

2. Description of the Proposed Action and Alternative

a. Proposed Action

The proposed action is to remove the sediment and stabilize the eroded areas with rip rap (attached map).

b. No-action alternative

3. Affected Environment

Columbus AFB is located approximately 10 miles northwest of the city of Columbus in Lowndes County, Mississippi. The installation size is approximately 4,903 acres. The Tombigbee River is located approximately one mile northwest and the Buttahatchee River is immediately north of the installation. The affected environment includes but does not affect the following for the proposed action at Columbus AFB: Domestic water, waste water, air quality, prehistoric and historical Sites. Only the affected environment involved is addressed.

a. Military Mission

The 14th Flying Training Wing (FTW) is the host unit at Columbus AFB and reports to Headquarters Air Education and Training Command. The wing conducts Specialized Undergraduate Pilot Training. Additionally, the wing provides administrative, medical and logistical support for assigned personnel as well as tenant agencies associated with Columbus AFB to include military retirees and their families. The organizational structure of the 14th FTW consists of the 14th Medical Group, the 14th Operations Group, the 14th Mission Support Group, and the 14th Maintenance Group.

b. Land Use

The proposed construction site is a drainage ditch that carries storm water from part of the T-37 parking ramp, the industrial area between C and D streets, and the recreational area through the golf course. This ditch empties into another ditch that drains the industrial area between A and C streets and continues behind the tank farm and along the east side of C Street. This ditch eventually discharges off base into Stinson Creek.

c. Water Quality

Storm Water

Storm water is directed into the unnamed tributary that flows into Stinson Creek.

d. Noise

The primary noise source at Columbus AFB is from aircraft operations. Aircraft activities include pilot training, aircraft maintenance, and transient military aircraft operations. During periods of no flying activity at Columbus AFB, noise results primarily from aircraft maintenance and shop operations, ground traffic movement, occasional construction and similar sources. This noise is almost entirely restricted to the base itself and is comparable to sounds that occur in typical communities. Baseline noise conditions from aircraft operations at Columbus AFB were defined using the Air Force-developed NOISEMAP (Version 6.5) modeling program. This model indicates the proposed action would occur within the 70-75 decibel (dBA) noise contours for Columbus AFB (USAF, 1998).

e. Permits required

The cleaning of the ditch does not require a US Army Corps of Engineers. The placement of rip rap is authorized under Nationwide Permit 13. The US Army Corps of Engineers would be notified of rip rap placement if the total length of the project exceeds 500 feet.

f. Hazardous materials

Hazardous materials and usage are reported to 14 CES/CEVP, Hazardous Materials Management Process office in accordance with Air Force Instruction (AFI) 32-7086, *HAZARDOUS MATERIALS MANAGEMENT*.

g. Soils

Columbus AFB soils are moderately well to poorly drained silt and clay loams of the Prentiss Rosella Steens and Cahaba Prentiss Guyton associations. These soils are characteristic of river terrace and floodplain deposits.

h. Wetlands/ Floodplain

Columbus AFB has 181.24 acres of delineated wetlands. Construction in any wetlands area would require a section 404 permit from the Corps of Engineers. There are approximately 1,550 acres of Columbus AFB that are within the 100 year floodplain.

i. Wildlife

Columbus AFB contains woodland and grassland vegetative communities that provide habitat for a variety of wildlife species. Confirmed mammal species observed on the base include gray squirrel, southern flying squirrel, swamp rabbit, white-tailed deer, bats, and rodents. Bird species common to lowland areas of the base include red-shouldered hawk, Cooper's hawk, rock dove, Carolina wren, and wood duck. A 1993 Nature Conservancy field survey found no endangered, threatened, or special status species on the base.

j. Vegetation

The grass species at the proposed site include plumbgrass, switchgrass, beggartick and tickclover (USAF, 1998), none of which are endangered.

4. Impacts of Proposed Action and Alternative

a. Military Mission

Proposed Action: The proposed action would have no impact on Columbus AFB military flying mission.

The no-action alternative would have no effect on Columbus AFB flying mission.

b. Land Use

Proposed Action: The proposed action would not have significant negative impact on land use; land would continue to be used as a storm water drainage ditch.

The no-action alternative would not affect current land use for on-going projects or activities on the installation.

c. Water Quality

Storm Water

Proposed Action: The proposed action would have a positive impact on installation water quality; specifically, this action would mitigate further sediment erosion from the streambed. In addition, storm water from the proposed site would

be controlled during construction by the use of "Best Management Practices" as directed by the state of Mississippi.

The no-action alternative would have a negative effect of installation storm water quality. The ditches would continue to erode, increasing turbidity and producing sediment deposits in receiving waters.

d. Noise

Proposed Action: Noise levels would increase during construction activities. The cleaning and placement of rip rap should take approximately 180 days to construct. These noise conditions could increase to 85 dBA within 50 feet of the site. This would result from the cumulative effects of nearby aircraft and construction machinery (USAF, 1998).

These noise events would not adversely affect on or off base residences or businesses and would be of limited duration.

The no-action alternative would not have an effect on installation noise levels.

e. Permits required

Proposed Action: A Section 404 permit for construction would not be required. The action would be authorized under Nationwide Permit 13.

The no-action alternative would not require any permits.

f. Hazardous Materials

Proposed action: The proposed action would not have an adverse effect on hazardous materials. Any hazardous materials used during construction would be managed in accordance with Columbus AFB's Hazardous Materials Management Program and in accordance with applicable local, state, and federal laws and guidelines.

The no-action alternative would not affect hazardous materials.

g. Soils

Proposed Action: There would be no changes to soil at the proposed construction site. This project occurs in an area that has been disturbed and modified by prior construction. Earthwork would be planned and conducted in such a manner to minimize the duration of exposure of unprotected soils. Installation of best management practices such as hay bales, silt fences, and single point construction entries would minimize erosion during construction.

The no-action alternative would have no impact upon the soil.

h. Wetlands/ Floodplain

Proposed Action: This action is not located in an area identified in the wetlands delineation (US Army Corp of Engineers, May 02) and is not located within the 100-year floodplain.

The no-action alternative would have no effects on wetlands or floodplains.

i. Wildlife

Proposed Action: There would be no changes to current wildlife populations.

The no-action alternative would not have an effect on wildlife populations.

j. Vegetation

Proposed Action: There would be changes to current vegetation. Vegetation in the areas to be cleaned would be removed.

The no-action alternative would have no effects on vegetation.

5. Cumulative Impacts

The proposed activity would be coordinated with other installation activities and would occur within the constraints of the Columbus AFB military mission. Construction of the entry control facility parking area may be an ongoing action. The perimeter fence may be under construction during this action. Indefinite Delivery Indefinite Quantity paving projects for the overlay of taxiway A, and repair of joints at taxiways H and K may be under construction during this action. Temporary negative effects related to traffic, noise, dust, and vehicle emissions associated with the proposed action would combine with the traffic, noise, dust and vehicle emissions generated by all ongoing construction projects. No significant negative cumulative impacts are anticipated.

6. Conclusion

Cleaning of the ditches and placement of rip rap would have a positive environmental impact.

The no-action alternative would not provide proper drainage for the areas. The ditches would continue to erode and accumulation of silt will continue to take place causing the water flow to erode the banks.

Based on the review of the facts and analysis contained in the environmental assessment, I conclude that the proposed action would not have a significant impact either by itself or considering cumulative impacts. The action would result in a Finding of No Significant

Impact. Accordingly, the requirements of the National Environmental Policy Act, regulations promulgated by the President's Council on Environmental Quality, and 32 Code of Federal Regulations 989 (Environmental Impact Analysis Process) have been fulfilled, and an Environmental Impact Statement is not required and will not be prepared.

Summary of Findings

	Proposed Action	No-Action Alternative
Land Use	None	None
Water Quality	Positive	None
Noise	Increase Temporarily	None
Permits Required	US Army Corp of Engineers Nationwide Permit 13	None
Hazardous Material	No Additional Materials	None
Soils	None	None
Wetlands	None	None
Wildlife	None	None
Vegetation	None	None

Appendix A

Interagency Correspondence



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 14TH FLYING TRAINING WING
COLUMBUS AIR FORCE BASE MISSISSIPPI

25 June 03

Mr. Michael F. Smith, REM
Chief, Environmental Flight
555 Simler Boulevard, Suite 108
Columbus AFB MS 39710-6010

Ms. Kathy Lunceford
Vicksburg Ecological Service
Fish and Wildlife Service
6578 Dogwood View Parkway, Suite A
Jackson MS 39213

Dear Ms. Lunceford

The 14th Flying Training Wing at Columbus Air Force Base (AFB) is preparing an environmental assessment (EA) under the National Environmental Policy Act of 1969 for the proposed cleaning and stabilization of ditches at the golf course and C Street. This action is necessary to control erosion and remove accumulated materials from the ditches. The proposed location is identified on the attached map.

To assist with this EA, please advise us if there are any threatened or endangered bird and/or mammal species known to exist in the area of the base in which the construction project would occur. Please provide your response by 25 July 03.

Thank you in advance for your assistance in this matter. If there are any questions, please contact Mr. Frank Lockhart, Star Digital at (662) 434-3130.

Sincerely

A handwritten signature in cursive script, reading "Michael F. Smith", is written above the typed name.

MICHAEL F. SMITH, REM



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, Mississippi 39213

June 30, 2003

Mr. Michael F. Smith
Columbus Air Force Base
555 Simler Boulevard, Suite 108
Columbus AFB, Mississippi 39710-6010

Dear Mr. Smith:

The U.S. Fish and Wildlife Service (Service) has received your letters dated June 23 and June 24, 2003, regarding construction of a parking pad and the clean out of several ditches on the Columbus Air Force Base (CAFB), Lowndes County, Mississippi. Our comments are submitted in accordance with the Fish and Wildlife Coordination Act (16 U.S.C. 661-667e), and the Endangered Species Act (16 U.S.C. 1531 et seq.).

Six federally listed mussel species are found adjacent to CAFB in the Buttahatchie River: the endangered heavy pigtoe mussel (*Pleurobema taitianum*), the endangered southern combshell mussel (*Pleurobema penita*), the endangered southern clubshell mussel (*Pleurobema decisum*), the endangered ovate clubshell mussel (*Pleurobema perovatum*), the threatened orange-nacre mucket (*Lampsilis perovalis*), and the threatened Alabama moccasinshell mussel (*Medionidus acutissimus*). All of the listed species require clean, swiftly moving waters with pools and riffles. Previous activities in the Buttahatchie River watershed have created bank sloughing, stream captures, increased water turbidity, and decreased flows. Additional work activities that increase sedimentation and water turbidity could have adverse impacts on these species.

Also, the threatened bald eagle (*Haliaeetus leucocephalus*) could be found in the general vicinity of the proposed project. The bald eagle is the only species of "sea eagle" regularly occurring on the North American continent. The bald eagle is predominantly a winter migrant in the southeast; however, increasing occurrences of nesting have been observed. The bald eagle nests in the transitional area between forest and water. Their nests are constructed in dominant living pines or bald cypress trees. Eagles often use alternate nests in different years with nesting activity occurring between September and January of each year. Young are usually fledged by mid-summer.

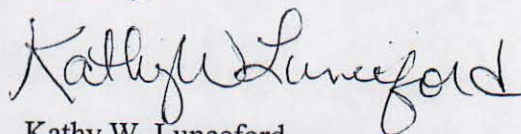
The bald eagle is very sensitive to human disturbance, especially during the courtship, mating, and nesting season. Therefore, the Service recommends a survey for bald eagle nests and activity within 1500 feet of each of the proposed project sites. If any evidence of the bald eagle is found,

please contact this office.

In addition, the sites may contain wetlands. Therefore, a Department of the Army (DA) permit for deposition of fill or dredged material in a wetland, or excavation in a wetland may be necessary. Please contact the Mobile District Corps of Engineers regarding the need for a DA permit, telephone: (251) 694-3781.

If you have any questions, please feel free to contact this office, telephone: (601) 321-1132.

Sincerely,

A handwritten signature in cursive script, reading "Kathy W. Lunceford". The signature is written in dark ink and is positioned above the printed name and title.

Kathy W. Lunceford
Mississippi Environmental Coordinator



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 14TH FLYING TRAINING WING
COLUMBUS AIR FORCE BASE MISSISSIPPI

29 Jul 03

MEMORANDUM FOR MS. KATHY LUNCEFORD

FROM: 14 CES/CEVN

555 Simler Boulevard, Suite 108
Columbus AFB MS 39710-6010

SUBJECT: Nesting Eagle Habitat Survey (Your Memo, 30 Jun 03)

The Columbus Air Force Base (AFB) Wildlife Biologist administered a tree survey on Columbus AFB for the construction of a parking pad around the new visitor's center outside the East (front) gate and the cleanout of several ditches along C Street. The survey was done in a 1,500 foot radius from each site and consists of commercial forest stands 5 through 9, as well as additional surrounding areas shown on the attached map.

A complete walk around survey of the sites indicated no signs of nesting eagles or habitat suitable for nesting eagles. The trees consist of pine and hardwood species, are of uniform heights (no isolated, taller trees) and, are not in close proximity to large water bodies (approximately a two mile distance). Additionally, a portion of the site survey is associated with urban areas, which will discourage nesting bald eagles. Please call me with any questions or comments at 434-7958.

Sarah J. Fafinski
SARAH J. FAFINSKI
Natural Resources Manager



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 14TH FLYING TRAINING WING
COLUMBUS AIR FORCE BASE MISSISSIPPI

25 June 03

Mr. Michael F. Smith, REM
Chief, Environmental Flight
555 Simler Boulevard, Suite 108
Columbus AFB MS 39710-6010

Ms. Mildred Tharpe
State Clearinghouse for Federal Programs
1301 Woolfolk Bldg, Suite E
501 North West St.
Jackson MS 39213

Dear Ms. Tharpe

The 14th Flying Training Wing at Columbus Air Force Base is preparing an environmental assessment (EA) under the National Environmental Policy Act of 1969 for the proposed cleaning and stabilization of ditches at the base golf course and along C Street. The proposed location is identified on the attached map. This action is necessary to enable the base to accomplish its mission requirements.

To assist with this EA, please advise us if there are any state resources known to exist in the area of the base in which the construction project would occur. Please provide your response by 25 July 03.

Thank you in advance for your assistance in this matter. If there are any questions, please contact Mr. Frank Lockhart, 14 CES/CEVN (Star Digital), (662) 434-3130.

Sincerely

A handwritten signature in black ink, reading "Michael F. Smith", is positioned above the typed name.

MICHAEL F. SMITH, REM

EO 12372
WEEKLY LOG
PGM=N150

STATE OF MISSISSIPPI
STATE CLEARINGHOUSE FOR FEDERAL PROGRAMS

DATE 06/26/03
07/07/03

MS APPLICANT NO.: MS030630-006
IMPACT AREA(S): LOWNDES

APPLICANT:
COLUMBUS AIR FORCE BASE
14TH FLYING TRAINING WING
555 SIMLER BLVD., SUITE 108
COLUMBUS AFB MS 39710-6010

CONTACT: FRANK LOCKHART
PHONE: (662) 434-3130

FEDERAL AGENCY: DEPARTMENT OF AIR FORCE

FUNDING: FEDERAL
LOCAL
TOTAL

APPLICANT
OTHER

STATE
PROGRAM

DESCRIPTION: THE 14TH FLYING TRAINING WING IS PREPARING AN ENVIRONMENTAL
ASSESSMENT FOR THE PROPOSED CLEANING AND STABILIZATION OF
DITCHES AT THE BASE GOLF COURSE AND ALONG C STREET.

CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER

1301 WOOLFOLK BLDG., SUITE E - JACKSON, MS 39201 (601) 359-6762

- THIS IS AN ACKNOWLEDGEMENT ONLY -

STATE AGENCIES MUST REVIEW CERTAIN PROPOSALS PRIOR TO
RECEIVING MISSISSIPPI INTERGOVERNMENTAL REVIEW PROCESS CLEARANCE.
THE MISSISSIPPI DEPARTMENT OF ARCHIVES AND HISTORY REVIEWS ANY
PROPOSALS INVOLVING CONSTRUCTION, SUCH AS A HIGHWAY OR AN
APARTMENT COMPLEX FOR COMPLIANCE WITH CULTURAL RESOURCES AND
HISTORIC PRESERVATION. MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL
QUALITY, OFFICE OF POLLUTION CONTROL, REVIEWS APPLICATIONS IN
ACCORDANCE WITH THE FEDERAL WATER POLLUTION CONTROL ACT. THE
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES REVIEWS APPLICATIONS
FOR CONSISTENCY WITH THE COASTAL PROGRAM.

IF APPLICATIONS ARE FOR PROJECTS OF LOCAL IMPACT, THEY
SHOULD BE SENT TO THE APPROPRIATE PLANNING AND DEVELOPMENT
DISTRICT AT THE SAME TIME. PLEASE NOTE THAT ONE OF OUR
REQUIREMENTS IS THE USE OF STANDARD FORM 424. THE DEPARTMENT
OF FINANCE AND ADMINISTRATION PREPARES AND DISTRIBUTES A WEEKLY
LOG LISTING PERTINENT INFORMATION CONTAINED ON THIS FORM. OUR
ADDRESS IS 1301 WOOLFOLK BLDG., SUITE E - JACKSON, MS 39201 AND
OUR PHONE NUMBER IS (601)359-6762.

Appendix B

Air Force Form 813

Air Force Form 332

REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS

Report Control Symbol

RCS: 03-18

INSTRUCTIONS: Section I to be completed by Proponent; Sections II and III to be completed by Environmental Planning Function. Continue on separate sheets as necessary. Reference appropriate item number(s).

SECTION I - PROPONENT INFORMATION

1. TO (Environmental Planning Function) 2. FROM (Proponent organization and functional address symbol) 2a. TELEPHONE NO.

CEV

ACES/CEOHP

7374

3. TITLE OF PROPOSED ACTION

CLEAN OUT DITCHES GOLF COURSE & C STREET / PLACE RIP RAP

4. PURPOSE AND NEED FOR ACTION (Identify decision to be made and need date)

IMPROVE DRAINAGE / STOP EROSION

5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA) (Provide sufficient details for evaluation of the total action.)

PROVIDE FOR PROPER DRAINAGE OF AREA

6. PROPONENT APPROVAL (Name and Grade)

6a. SIGNATURE

6b. DATE

JOSEPH BLACKMON GS-09

Joseph Blackmon

8 APR 03

SECTION II - PRELIMINARY ENVIRONMENTAL SURVEY (Check appropriate box and describe potential environmental effects including cumulative effects.) (+ = positive effect; 0 = no effect; - = adverse effect; U = unknown effect)

+ 0 - U

7. AIR INSTALLATION COMPATIBLE USE ZONE/LAND USE (Noise, accident potential, encroachment, etc.)

8. AIR QUALITY (Emissions, attainment status, state implementation plan, etc.)

9. WATER RESOURCES (Quality, quantity, source, etc.)

10. SAFETY AND OCCUPATIONAL HEALTH (Asbestos/radiation/chemical exposure, explosives safety quantity-distance, etc.)

11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation, solid waste, etc.)

12. BIOLOGICAL RESOURCES (Wetlands/floodplains, flora, fauna, etc.)

13. CULTURAL RESOURCES (Native American burial sites, archaeological, historical, etc.)

14. GEOLOGY AND SOILS (Topography, minerals, geothermal, Installation Restoration Program, seismicity, etc.)

15. SOCIOECONOMIC (Employment/population projections, school and local fiscal impacts, etc.)

16. OTHER (Potential impacts not addressed above.)

SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION

17. ☐ PROPOSED ACTION QUALIFIES FOR CATEGORICAL EXCLUSION (CATEX) # _____ ; OR
☒ PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.

18. REMARKS

Columbus Air Force Base is located in an area that is in attainment; therefore, a conformity determination is not required.

19. ENVIRONMENTAL PLANNING FUNCTION CERTIFICATION (Name and Grade)

MICHAEL F. SMITH, REM
Chief, Environmental Flight

19a. SIGNATURE

Michael Smith

19b. DATE

9 Jun 03

* MANY AREAS OF THE DITCH HAVE FILLED IN AND THE FLOW OF WATER IS SLOW AND PONDING AND BECOMING STAGNANT. MANY OTHER AREAS ON THE BANKS ARE ERODING AND NEED RIP - RAP. RIP RAP ALSO NEEDS PLACEMENT AROUND BRIDGES AND CULVERTS. ATTACHED IS A MAP SHOWING LOCATIONS OF PROPOSED RIP RAP PLACEMENT. HIGHLIGHTED AREAS INDICATE AREAS NEEDING RIP RAP. THERE WILL BE ~~400~~ 450 LL OF RIP RAP PLACED.

* NO ACTION ALTERNATIVE: IF THE WORK IS NOT DONE THE DITCH WILL CONTINUE TO FILL WITH SEDIMENT AND THE BANKS WILL CONTINUE TO ERODE. CONTINUED EROSION AT THE BRIDGES AND CULVERTS WILL ALSO CREATE A SAFETY HAZARD

* THE REMOVED DIRT WILL BE PLACED AND SPREAD IN A THIN LAYER IN THE WOODED AREA OF THE GOLF COURSE.

BASE CIVIL ENGINEER WORK REQUEST

(See Reverse for Instructions)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average .3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project 0704-0188, Washington DC 20503. Please DO NOT RETURN your form to either of these addresses. Send your completed form to HQ AFESC/DEMG.

SECTION I - TO BE COMPLETED BY REQUESTER

1. FROM (Organization) 14 CES	2. OFFICE SYMBOL	3. DATE OF REQUEST 2 APR 03	4. WORK REQUEST NO. (For BCE Use) 74007
5. NAME AND PHONE NO. OF REQUESTER JOSEPH BLACKMON		6. REQUIRED COMPLETION DATE ASAP	7. BUILDING, FACILITY OR STREET ADDRESS WHERE WORK IS TO BE ACCOMPLISHED GOLF COURSE / C STREET
8. DESCRIPTION OF WORK TO BE ACCOMPLISHED (Include Sketch or Plan, when appropriate) CLEAN OUT DITCHES GOLF COURSE AND C STREET. PLACE RIP RAP			

8. DESCRIPTION OF WORK TO BE ACCOMPLISHED (Include Sketch or Plan, when appropriate)

CLEAN OUT DITCHES GOLF COURSE AND C STREET.
PLACE RIP RAP

9. BRIEF JUSTIFICATION FOR WORK TO BE ACCOMPLISHED (Not required for maintenance and repair)

ALLOW FOR PROPER DRAINAGE

10. DONATED RESOURCES

FUNDS	LABOR	MATERIAL	CONTRACT BY REQUESTER	NONE
11. NAME OF REQUESTER JOSEPH BLACKMON		12. GRADE OF REQUESTER CS-09	13. SIGNATURE OF REQUESTER (See Reverse of Form) <i>Joseph Blackmon</i>	
14. COORDINATION				

SECTION II - FOR BASE CIVIL ENGINEER USE

15. WORK ORDER (Place an "X" in the appropriate box.)

IN-SERVICE	SELF-HELP	CONTRACT	SABER
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16. DIRECT SCHEDULED WORK (Place an "X" in the appropriate box.)

EMERGENCY	URGENT	ROUTINE	SELF-HELP	M/C
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17. SELF-HELP (Place an "X" in the appropriate box.)

BRIEFING REQUIRED	ADEQUATE COORDINATION	INSPECTION REQUIRED
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SECTION III - COMPLETE ONLY IF WORK IS TO BE ACCOMPLISHED BY WORK ORDER

18. WORK CLASS	19. PRIORITY	20. ESTIMATED HOURS	21. ESTIMATED FUNDED COST	22. ESTIMATED TOTAL COST
23. THERE IS NO NEED FOR AN ENVIRONMENTAL ASSESSMENT (AFR 19-2)		24. A WRITTEN ASSESSMENT IS BEING/HAS BEEN PROCESSED	25. APPROVED	26. DISAPPROVED

27. REMARKS

SECTION IV - APPROVING AUTHORITY

28. NAME AND GRADE (Please Type or Print)	29. SIGNATURE	30. DATE
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MEMORANDUM FOR 14 CES/CEOF

2 Apr 03

FROM: 14 CES/CEV

Bld C street

SUBJECT: Environmental Review – Work Orders/Projects

Environmental flight personnel reviewed work order/project number 74007
and provide the following comments. Please contact CEV at 7955 if you have any
questions or need additional information.

☒ a. Does not qualify for a categorical exclusion (CATEX). Requires further
environmental assessment. Requestor must contact CEV to initiate AF Form 813 prior
to design/planning.

☒ b. Qualifies for CATEX per AFI 32-7061, Attachment 2, paragraph A2.3.10
Does not require further environmental assessment at this time.

() c. May involve/disturb lead bases paint (LBP). Contact CEV at beginning of
design/planning to sample.

() d. May involve/disturb asbestos containing materials (ACM). Contact CEV at
beginning of design/planning to sample.

() e. May require hazardous/special waste disposal. Contact CEV at beginning of
design/planning for further instructions.

() f. Requires a permit or formal notification to regulatory agency. Contact CEV at
beginning of design/planning to begin permit/notification process.

(X) g. All hazardous materials used for this project must be reported to 14 CES/HMMP.
A Material Safety Data Sheet (MSDS) must accompany all hazardous materials.

(X) h. All attempts will be made to recycle materials with the greatest recycled content
possible. Follow CAFBI 32-7003 for affirmative procurement.

() i. Work site is at or near a known or suspected area of soil and/or groundwater
contamination. Contact CEV at beginning of design/planning for further instructions.

() j. Use paint colors/types listed in CAFBI 32-7002, Paint Program.

() k. Other _____

APR 02 2003

MB

Michael F. Smith
MICHAEL F. SMITH, REM
Chief, Environmental Flight

Appendix C

List of Preparers

List of Preparers

Name	Degree	Professional Discipline	Years of Experience
Frank Lockhart	B.S., Biological Sciences MEd., Biological Sciences/ Education	Environmental Planner	27



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, Mississippi 39213

June 30, 2003

Mr. Michael F. Smith
Columbus Air Force Base
555 Simler Boulevard, Suite 108
Columbus AFB, Mississippi 39710-6010

Dear Mr. Smith:

The U.S. Fish and Wildlife Service (Service) has received your letters dated June 23 and June 24, 2003, regarding construction of a parking pad and the clean out of several ditches on the Columbus Air Force Base (CAFB), Lowndes County, Mississippi. Our comments are submitted in accordance with the Fish and Wildlife Coordination Act (16 U.S.C. 661-667e), and the Endangered Species Act (16 U.S.C. 1531 et seq.).

Six federally listed mussel species are found adjacent to CAFB in the Buttahatchie River: the endangered heavy pigtoe mussel (*Pleurobema taitianum*), the endangered southern combshell mussel (*Pleurobema penita*), the endangered southern clubshell mussel (*Pleurobema decisum*), the endangered ovate clubshell mussel (*Pleurobema perovatum*), the threatened orange-nacre mucket (*Lampsilis perovalis*), and the threatened Alabama moccasinshell mussel (*Medionidus acutissimus*). All of the listed species require clean, swiftly moving waters with pools and riffles. Previous activities in the Buttahatchie River watershed have created bank sloughing, stream captures, increased water turbidity, and decreased flows. Additional work activities that increase sedimentation and water turbidity could have adverse impacts on these species.

Also, the threatened bald eagle (*Haliaeetus leucocephalus*) could be found in the general vicinity of the proposed project. The bald eagle is the only species of "sea eagle" regularly occurring on the North American continent. The bald eagle is predominantly a winter migrant in the southeast; however, increasing occurrences of nesting have been observed. The bald eagle nests in the transitional area between forest and water. Their nests are constructed in dominant living pines or bald cypress trees. Eagles often use alternate nests in different years with nesting activity occurring between September and January of each year. Young are usually fledged by mid-summer.

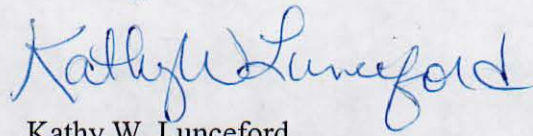
The bald eagle is very sensitive to human disturbance, especially during the courtship, mating, and nesting season. Therefore, the Service recommends a survey for bald eagle nests and activity within 1500 feet of each of the proposed project sites. If any evidence of the bald eagle is found,

please contact this office.

In addition, the sites may contain wetlands. Therefore, a Department of the Army (DA) permit for deposition of fill or dredged material in a wetland, or excavation in a wetland may be necessary. Please contact the Mobile District Corps of Engineers regarding the need for a DA permit, telephone: (251) 694-3781.

If you have any questions, please feel free to contact this office, telephone: (601) 321-1132.

Sincerely,



Kathy W. Lunceford
Mississippi Environmental Coordinator

